

3 - Section Quan. X 16
5 - Section Quan. X 7
Black W/ Tunnel Visors

12-Inch Polycarbonate Signal

The 12-inch signal is interchangeable with incandescent assemblies or LED modules and allows for a 180-degree door opening.

General

Each traffic signal consists of a number of identical signal sections rigidly fastened together to present a continuous, pleasing appearance. Each section has a separate and complete housing. The traffic signal meets or exceeds the latest version of the Equipment Standard from the Institute of Transportation Engineers (ITE).

Housing

The housing of each section is a one-piece molded ultraviolet and heat-stabilized polycarbonate unit. Two integrally-cast hinge lugs and latch screws are cast on each side of the housing. Built upon a symmetrical concept, each housing is capable of providing either right or left-hand door openings. While the left hinge is standard, the right hinge is special and must be specified. The top and bottom of the housing have openings to accommodate standard 1 1/2-inch pipe brackets. Each signal section is rigidly attached, one above the other, by means of corrosion-resistant bolts and a washer attachment that allow sections to be rotated about a vertical axis as well as the ability to be oriented with respect to an adjacent section. Alternate means for attaching sections together are available. The housing consists of four matching punch-out locations on the top and bottom of each section to allow sections to be bolted together with four 1 1/2-inch and 10-32 corrosion-resistant screws. The top and bottom of the signal housing have an integrally-cast Shurlock boss.

The radial-angular groove in the Shurlock boss, when used with Shurlock, provides positive five-degree increment rotation of the entire signal head to obtain a desired alignment of the signal. Each housing has provisions for one five and one six position terminal block. Each housing has provisions for easy access to the back plate. Large plus-door latching assembly, 1/2" thick backplate, and terminal screws are made of stainless steel.

Features

- Tested to ITE required wind loading on single-point attachment
- Reversible door - left side standard, right side optional
- Doors equipped with two latches
- "Fast-on" tab terminal block
- Provisions for one 5-position and one 6-position terminal block in each housing
- Ethylene Propylene Diene Monomer (EPDM) or optional red silicone lens gasketing
- Aluminum or plastic reflector ring with spun ALZAK reflector
- Optional hydroformed reflector